

For Research Use Only

CCR3 Recombinant antibody, PBS Only

Catalog Number: 86038-1-PBS



Basic Information

Catalog Number:

86038-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC110297

GeneID (NCBI):

1232

UNIPROT ID:

P51677

Full Name:

chemokine (C-C motif) receptor 3

Calculated MW:

355 aa, 41 kDa

Observed MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

250209D5

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

CCR3 (C-C Motif Chemokine Receptor 3), also known as CD193, is a G protein-coupled receptor (GPCR) primarily involved in immune cell trafficking and inflammation regulation and highly expressed in eosinophils and basophils, with detectable levels in Th2 cells, airway epithelial cells, and subsets of monocyte-derived dendritic cells (PMID: 21077277). Ligand-induced CCR3 internalization is required for eosinophil shape change and actin polymerization but not for calcium mobilization or desensitization (PMID: 12532103).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

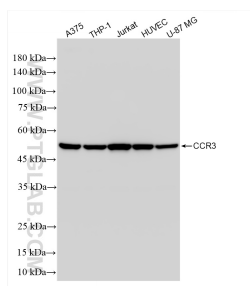
T: 4006900926

E: Proteintech-CN@ptglab.com

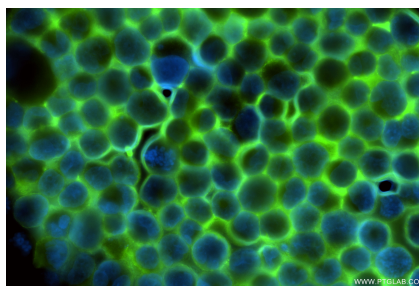
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86038-1-RR (CCR3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86038-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using CCR3 antibody (86038-1-RR, Clone: 250209D5) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86038-1-PBS in a different storage buffer formulation.